RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/764,957A_

Source: _TU016_

Date Processed by STIC: _6/26/06_

ENTERED

IFW16

RAW SEQUENCE LISTING　　　　　　　　　DATE: 06/26/2006
PATENT APPLICATION:　**US/10/764,957A**　　　TIME: 10:38:10

Input Set : **E:\02-742-0 Sequence Listing.txt**
Output Set: **N:\CRF4\06262006\J764957A.raw**

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 3 <110> APPLICANT: Sirna Therapeutics, Inc.
 4       McSwiggen, James
 5       Pavco, Pamela
 7 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
 8       Growth Factor and Vascular Endothelial Growth Factor Receptor
 9       Gene Expression Using Short Interfering Nucleic Acid (siNA)
11 <130> FILE REFERENCE: 400/144 (MBHB02-742-O)
13 <140> CURRENT APPLICATION NUMBER: US 10/764,957A
14 <141> CURRENT FILING DATE: 2004-01-26
16 <150> PRIOR APPLICATION NUMBER: US 10/670,011
17 <151> PRIOR FILING DATE: 2003-09-23
19 <150> PRIOR APPLICATION NUMBER: US 10/665,255
20 <151> PRIOR FILING DATE: 2003-09-16
22 <150> PRIOR APPLICATION NUMBER: PCT/US03/05022
23 <151> PRIOR FILING DATE: 2003-02-20
25 <150> PRIOR APPLICATION NUMBER: US60/358,580
26 <151> PRIOR FILING DATE: 2002-02-20
28 <150> PRIOR APPLICATION NUMBER: US60/363,124
29 <151> PRIOR FILING DATE: 2002-03-11
31 <150> PRIOR APPLICATION NUMBER: US60/386,782
32 <151> PRIOR FILING DATE: 2002-06-06
34 <150> PRIOR APPLICATION NUMBER: US60/393,796
35 <151> PRIOR FILING DATE: 2002-07-03
37 <150> PRIOR APPLICATION NUMBER: US60/399,348
38 <151> PRIOR FILING DATE: 2002-07-29
40 <150> PRIOR APPLICATION NUMBER: US60/406,784
41 <151> PRIOR FILING DATE: 2002-08-29
43 <150> PRIOR APPLICATION NUMBER: US60/408,378
44 <151> PRIOR FILING DATE: 2002-09-05
46 <150> PRIOR APPLICATION NUMBER: US60/409,293
47 <151> PRIOR FILING DATE: 2002-09-09
49 <150> PRIOR APPLICATION NUMBER: US60/440,129
50 <151> PRIOR FILING DATE: 2003-01-15
52 <150> PRIOR APPLICATION NUMBER: US10/306,747
53 <151> PRIOR FILING DATE: 2002-11-27
55 <150> PRIOR APPLICATION NUMBER: US60/344,461
56 <151> PRIOR FILING DATE: 2001-11-30
58 <150> PRIOR APPLICATION NUMBER: US10/287,949
59 <151> PRIOR FILING DATE: 2002-11-04
61 <150> PRIOR APPLICATION NUMBER: PCT/US02/17674
62 <151> PRIOR FILING DATE: 2002-05-29
64 <160> NUMBER OF SEQ ID NOS: 474
66 <170> SOFTWARE: PatentIn version 3.3
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(pg101-14)

RAW SEQUENCE LISTING   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:10

Input Set : E:\02-742-O Sequence Listing.txt
Output Set: N:\CRF4\06262006\J764957A.raw

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83 <213> ORGANISM: Artificial Sequence
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sense region
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94 <212> TYPE: RNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
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sense region
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107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
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sense region
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116 <210> SEQ ID NO: 5
117 <211> LENGTH: 19
118 <212> TYPE: RNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
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sense region
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128 <210> SEQ ID NO: 6
129 <211> LENGTH: 19
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131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
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sense region
136 <400> SEQUENCE: 6
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137 ccggucagcg gacucaccg   19
140 <210> SEQ ID NO: 7

RAW SEQUENCE LISTING   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:10

Input Set : E:\02-742-O Sequence Listing.txt
Output Set: N:\CRF4\06262006\J764957A.raw

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149 ggccagggcg cucggugcu                                                 19
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153 <211> LENGTH: 19
154 <212> TYPE: RNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
160 <400> SEQUENCE: 8
161 uggaauuuga uauucauug                                                 19
164 <210> SEQ ID NO: 9
165 <211> LENGTH: 19
166 <212> TYPE: RNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
172 <400> SEQUENCE: 9
173 gauccggguu uuaucccuc                                                 19
176 <210> SEQ ID NO: 10
177 <211> LENGTH: 19
178 <212> TYPE: RNA
179 <213> ORGANISM: Artificial Sequence
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185 cuucuuuuuu cuuaaacau                                                 19
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190 <212> TYPE: RNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
196 <400> SEQUENCE: 11
197 uuuuuuuuua aaacuguau                                                 19
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201 <211> LENGTH: 19
202 <212> TYPE: RNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
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sense region
208 <400> SEQUENCE: 12
209 uuguuucucg uuuuaauuu                                                 19
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212 <210> SEQ ID NO: 13
213 <211> LENGTH: 19

RAW SEQUENCE LISTING   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:10

Input Set : E:\02-742-O Sequence Listing.txt
Output Set: N:\CRF4\06262006\J764957A.raw

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    217 <220> FEATURE:
    218 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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    224 <210> SEQ ID NO: 14
    225 <211> LENGTH: 19
    226 <212> TYPE: RNA
    227 <213> ORGANISM: Artificial Sequence
    229 <220> FEATURE:
    230 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
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    233 cccacuugaa ucgggccga   19
    236 <210> SEQ ID NO: 15
    237 <211> LENGTH: 19
    238 <212> TYPE: RNA
    239 <213> ORGANISM: Artificial Sequence
    241 <220> FEATURE:
    242 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
    244 <400> SEQUENCE: 15
    245 acggcuuggg gagauugcu   19
    248 <210> SEQ ID NO: 16
    249 <211> LENGTH: 19
    250 <212> TYPE: RNA
    251 <213> ORGANISM: Artificial Sequence
    253 <220> FEATURE:
    254 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
    256 <400> SEQUENCE: 16
    257 ucuacuuccc caaaucacu   19
    260 <210> SEQ ID NO: 17
    261 <211> LENGTH: 19
    262 <212> TYPE: RNA
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    265 <220> FEATURE:
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sense region
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    269 uguggauuuu ggaaaccag   19
    272 <210> SEQ ID NO: 18
    273 <211> LENGTH: 19
    274 <212> TYPE: RNA
    275 <213> ORGANISM: Artificial Sequence
    277 <220> FEATURE:
    278 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
    280 <400> SEQUENCE: 18
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    284 <210> SEQ ID NO: 19

285 <211> LENGTH: 19
286 <212> TYPE: RNA

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    289 <220> FEATURE:
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    293 uagcaagagc uccagagag                                              19
    296 <210> SEQ ID NO: 20
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    298 <212> TYPE: RNA
    299 <213> ORGANISM: Artificial Sequence
    301 <220> FEATURE:
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sense region
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    305 gaagucgagg aagagagag                                              19
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    313 <220> FEATURE:
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    317 gacgggguca gagagagcg                                              19
    320 <210> SEQ ID NO: 22
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    322 <212> TYPE: RNA
    323 <213> ORGANISM: Artificial Sequence
    325 <220> FEATURE:
    326 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
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    329 gcgcgggcgu gcgagcagc                                              19
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    334 <212> TYPE: RNA
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sense region
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    341 cgaaagcgac aggggcaaa                                              19
    344 <210> SEQ ID NO: 24
    345 <211> LENGTH: 19
    346 <212> TYPE: RNA
    347 <213> ORGANISM: Artificial Sequence
    349 <220> FEATURE:
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sense region
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    353 agugagugac cugcuuuug                                              19
    356 <210> SEQ ID NO: 25
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358 <212> TYPE: RNA
359 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:11

Input Set : E:\02-742-O Sequence Listing.txt
Output Set: N:\CRF4\06262006\J764957A.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:233; N Pos. 20,21
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Seq#:235; N Pos. 20,21
Seq#:236; N Pos. 20,21
Seq#:237; N Pos. 20,21
Seq#:238; N Pos. 20,21
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Seq#:252; N Pos. 20,21
Seq#:253; N Pos. 20,21
Seq#:254; N Pos. 20,21
Seq#:255; N Pos. 20,21
Seq#:256; N Pos. 20,21
Seq#:257; N Pos. 20,21
Seq#:258; N Pos. 20,21
Seq#:259; N Pos. 20,21
Seq#:260; N Pos. 20,21
Seq#:261; N Pos. 20,21
Seq#:262; N Pos. 20,21
Seq#:263; N Pos. 20,21
Seq#:264; N Pos. 20,21
Seq#:265; N Pos. 20,21
Seq#:266; N Pos. 20,21
Seq#:267; N Pos. 20,21
Seq#:268; N Pos. 20,21
Seq#:269; N Pos. 20,21
Seq#:270; N Pos. 20,21
Seq#:271; N Pos. 20,21
Seq#:272; N Pos. 20,21
Seq#:273; N Pos. 20,21
Seq#:274; N Pos. 20,21
Seq#:275; N Pos. 20,21
Seq#:276; N Pos. 20,21

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:11

Input Set : **E:\02-742-0 Sequence Listing.txt**
Output Set: **N:\CRF4\06262006\J764957A.raw**

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Seq#:277; N Pos. 20,21
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Seq#:292; N Pos. 20,21
Seq#:293; N Pos. 20,21
Seq#:294; N Pos. 20,21
Seq#:295; N Pos. 20,21
Seq#:296; N Pos. 20,21
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Seq#:305; N Pos. 20,21
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Seq#:308; N Pos. 20,21
Seq#:309; N Pos. 20,21
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Seq#:323; N Pos. 20,21
Seq#:324; N Pos. 20,21
Seq#:325; N Pos. 20,21
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:11

Input Set : E:\02-742-O Sequence Listing.txt
Output Set: N:\CRF4\06262006\J764957A.raw

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Seq#:332; N Pos. 20,21
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Seq#:335; N Pos. 20,21
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Seq#:359; N Pos. 20,21
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Seq#:361; N Pos. 20,21
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Seq#:363; N Pos. 20,21
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Seq#:369; N Pos. 20,21
Seq#:370; N Pos. 20,21
Seq#:371; N Pos. 20,21
Seq#:372; N Pos. 20,21
Seq#:373; N Pos. 20,21
Seq#:374; N Pos. 20,21
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:11

Input Set : E:\02-742-0 Sequence Listing.txt
Output Set: N:\CRF4\06262006\J764957A.raw

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Seq#:382; N Pos. 20,21
Seq#:383; N Pos. 20,21
Seq#:384; N Pos. 20,21
Seq#:411; N Pos. 1,21,22
Seq#:412; N Pos. 20,21
Seq#:413; N Pos. 20,21
Seq#:414; N Pos. 20,21
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Seq#:446; N Pos. 20,21
Seq#:447; N Pos. 20,21
Seq#:448; N Pos. 20,21
Seq#:449; N Pos. 20,21

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:11

Input Set : E:\02-742-O Sequence Listing.txt
Output Set: N:\CRF4\06262006\J764957A.raw

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Seq#:457; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:458; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:459; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:460; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:461; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:462; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:463; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:464; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:465; N Pos. 20,21
Seq#:466; N Pos. 20,21
Seq#:467; N Pos. 20,21
Seq#:468; N Pos. 20,21
Seq#:469; N Pos. 20,21
Seq#:470; N Pos. 20,21
Seq#:471; N Pos. 20,21
Seq#:472; N Pos. 20,21
Seq#:473; N Pos. 20,21
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Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

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Seq#:385; Line(s) 7924
Seq#:386; Line(s) 7936
Seq#:387; Line(s) 7948
Seq#:388; Line(s) 7960
Seq#:389; Line(s) 7972
Seq#:390; Line(s) 7984
Seq#:391; Line(s) 7996
Seq#:392; Line(s) 8008
Seq#:393; Line(s) 8020
Seq#:394; Line(s) 8032
Seq#:395; Line(s) 8044
Seq#:396; Line(s) 8056
Seq#:397; Line(s) 8068
Seq#:398; Line(s) 8080
Seq#:399; Line(s) 8092
Seq#:400; Line(s) 8104
Seq#:401; Line(s) 8116
Seq#:402; Line(s) 8128
Seq#:403; Line(s) 8140
Seq#:404; Line(s) 8152
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:11

Input Set : E:\02-742-O Sequence Listing.txt
Output Set: N:\CRF4\06262006\J764957A.raw

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Seq#:405; Line(s) 8164
Seq#:406; Line(s) 8176
Seq#:407; Line(s) 8188
Seq#:408; Line(s) 8200
Seq#:409; Line(s) 8212
Seq#:458; Line(s) 10291
Seq#:459; Line(s) 10319
Seq#:460; Line(s) 10352
Seq#:461; Line(s) 10384
Seq#:462; Line(s) 10416
Seq#:463; Line(s) 10449
Seq#:464; Line(s) 10483
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VERIFICATION SUMMARY   DATE: 06/26/2006
PATENT APPLICATION: **US/10/764,957A**   TIME: 10:38:11

Input Set : **E:\02-742-O Sequence Listing.txt**
Output Set: **N:\CRF4\06262006\J764957A.raw**

L:2867 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233 after pos.:0
L:2885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234 after pos.:0
L:2903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:235 after pos.:0
L:2921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:236 after pos.:0
L:2939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237 after pos.:0
L:2957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238 after pos.:0
L:2975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239 after pos.:0
L:2993 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:240 after pos.:0
L:3031 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:241 after pos.:0
L:3079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:242 after pos.:0
L:3127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243 after pos.:0
L:3185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0
L:3218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245 after pos.:0
L:3261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:246 after pos.:0
L:3309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:247 after pos.:0
L:3362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:248 after pos.:0
L:3410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249 after pos.:0
L:3478 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250 after pos.:0
L:3551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251 after pos.:0
L:3639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:252 after pos.:0
L:3682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:253 after pos.:0
L:3745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254 after pos.:0
L:3813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255 after pos.:0
L:3891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256 after pos.:0
L:3934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257 after pos.:0
L:3997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258 after pos.:0
L:4065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259 after pos.:0
L:4148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:260 after pos.:0
L:4191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261 after pos.:0
L:4254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:262 after pos.:0
L:4322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:0
L:4410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264 after pos.:0
L:4438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0
L:4466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:266 after pos.:0
L:4494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:267 after pos.:0
L:4522 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0
L:4545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:269 after pos.:0
L:4568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 after pos.:0
L:4591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:0
L:4614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0
L:4632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0
L:4650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274 after pos.:0
L:4668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275 after pos.:0
L:4686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0
L:4704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0
L:4722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:278 after pos.:0
L:4740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279 after pos.:0
L:4758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0

VERIFICATION SUMMARY   DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A   TIME: 10:38:11

Input Set : **E:\02-742-O Sequence Listing.txt**
Output Set: **N:\CRF4\06262006\J764957A.raw**

```
L:4776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:0
L:4794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282 after pos.:0
L:4812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:283 after pos.:0
L:4830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:0
L:4848 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285 after pos.:0
L:4866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:286 after pos.:0
L:4884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:0
L:4902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:288 after pos.:0
L:4920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289 after pos.:0
L:4938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:0
L:4956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291 after pos.:0
L:4974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:0
L:4992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293 after pos.:0
L:5010 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294 after pos.:0
L:5028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:295 after pos.:0
L:5046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296 after pos.:0
L:5064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:297 after pos.:0
L:5082 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298 after pos.:0
L:5100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:299 after pos.:0
L:5118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:300 after pos.:0
L:5136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301 after pos.:0
L:5154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:0
L:5172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0
L:5190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0
L:5208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:305 after pos.:0
L:5226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:306 after pos.:0
L:5244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307 after pos.:0
L:5262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:308 after pos.:0
L:5280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309 after pos.:0
L:5298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:310 after pos.:0
L:5316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:311 after pos.:0
L:5334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:312 after pos.:0
L:5352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313 after pos.:0
L:5370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:314 after pos.:0
L:5388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:315 after pos.:0
L:5406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:316 after pos.:0
L:5424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:317 after pos.:0
L:5442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:318 after pos.:0
L:5460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:319 after pos.:0
L:5478 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:320 after pos.:0
L:5496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:321 after pos.:0
L:5514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322 after pos.:0
L:5532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:323 after pos.:0
L:5550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:324 after pos.:0
L:5568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:325 after pos.:0
L:5586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:326 after pos.:0
L:5604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:327 after pos.:0
L:5622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:328 after pos.:0
L:5640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:329 after pos.:0
```

VERIFICATION SUMMARY　　　　　　　　DATE: 06/26/2006
PATENT APPLICATION: US/10/764,957A　　TIME: 10:38:11

Input Set : **E:\02-742-O Sequence Listing.txt**
Output Set: **N:\CRF4\06262006\J764957A.raw**

```
L:5658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:330 after pos.:0
L:5676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:331 after pos.:0
L:5694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:332 after pos.:0
L:5712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:333 after pos.:0
L:5730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:334 after pos.:0
L:5748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:335 after pos.:0
L:5766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:336 after pos.:0
L:5784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:337 after pos.:0
L:5802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:338 after pos.:0
L:5820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:339 after pos.:0
L:5838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:340 after pos.:0
L:5856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:341 after pos.:0
L:5874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:342 after pos.:0
L:5892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:343 after pos.:0
L:5910 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:344 after pos.:0
L:5988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:345 after pos.:0
L:6071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:346 after pos.:0
L:6144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:347 after pos.:0
L:6222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:348 after pos.:0
L:6300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:349 after pos.:0
L:6373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:350 after pos.:0
L:6451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:351 after pos.:0
L:6519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:352 after pos.:0
L:6592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353 after pos.:0
L:6655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354 after pos.:0
L:6683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:355 after pos.:0
L:6711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:356 after pos.:0
L:6739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:357 after pos.:0
L:6767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358 after pos.:0
L:6795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359 after pos.:0
L:6818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:360 after pos.:0
L:6841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:361 after pos.:0
L:6864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:362 after pos.:0
L:6887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:363 after pos.:0
L:6910 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:364 after pos.:0
L:6988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:365 after pos.:0
L:7071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:366 after pos.:0
L:7144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:367 after pos.:0
L:7227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:368 after pos.:0
L:7300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:369 after pos.:0
L:7373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:370 after pos.:0
L:7451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:371 after pos.:0
L:7519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:372 after pos.:0
L:7597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:373 after pos.:0
L:7660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:374 after pos.:0
L:7688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:375 after pos.:0
L:7716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:376 after pos.:0
L:7744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:377 after pos.:0
L:7772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:378 after pos.:0
```

VERIFICATION SUMMARY   DATE: 06/26/2006
PATENT APPLICATION: **US/10/764,957A**   TIME: 10:38:11

Input Set : **E:\02-742-O Sequence Listing.txt**
Output Set: **N:\CRF4\06262006\J764957A.raw**

```
L:7800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:379 after pos.:0
L:7823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:380 after pos.:0
L:7846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:381 after pos.:0
L:7869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:382 after pos.:0
L:7892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:0
L:7915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:384 after pos.:0
L:8290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:411 after pos.:0
L:8318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:412 after pos.:0
L:8346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:413 after pos.:0
L:8374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:414 after pos.:0
L:8402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:415 after pos.:0
L:8425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:416 after pos.:0
L:8448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:417 after pos.:0
L:8471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:418 after pos.:0
L:8494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:419 after pos.:0
L:8562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:420 after pos.:0
L:8630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421 after pos.:0
L:8708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:422 after pos.:0
L:8771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:423 after pos.:0
L:8834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:424 after pos.:0
L:8897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:425 after pos.:0
L:8970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:426 after pos.:0
L:9028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:427 after pos.:0
L:9056 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:428 after pos.:0
L:9084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:429 after pos.:0
L:9112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:430 after pos.:0
L:9140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:431 after pos.:0
L:9163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:432 after pos.:0
L:9186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:433 after pos.:0
L:9209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:434 after pos.:0
L:9232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:435 after pos.:0
L:9300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:436 after pos.:0
L:9368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:437 after pos.:0
L:9446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:438 after pos.:0
L:9509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:439 after pos.:0
L:9572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:440 after pos.:0
L:9635 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:441 after pos.:0
L:9708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:442 after pos.:0
L:9766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443 after pos.:0
L:9784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:444 after pos.:0
L:9802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:445 after pos.:0
L:9880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:446 after pos.:0
L:9948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:447 after pos.:0
L:9976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:448 after pos.:0
L:9994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449 after pos.:0
L:10012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:450 after pos.:0
L:10030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451 after pos.:0
L:10108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:452 after pos.:0
L:10176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:453 after pos.:0
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L:10204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:454 after pos.:0
L:10222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:455 after pos.:0
L:10250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:456 after pos.:0
L:10277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:457 after pos.:0
L:10305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:458 after pos.:0
L:10338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:459 after pos.:0
L:10370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:460 after pos.:0
L:10402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:461 after pos.:0
L:10435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:462 after pos.:0
L:10469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:463 after pos.:0
L:10503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:464 after pos.:0
L:10530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:465 after pos.:0
L:10557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:466 after pos.:0
L:10644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:467 after pos.:0
L:10736 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:468 after pos.:0
L:10793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:469 after pos.:0
L:10850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:470 after pos.:0
L:10942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:471 after pos.:0
L:11004 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:472 after pos.:0
L:11096 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:473 after pos.:0
```